

QGIS Application - Bug report #19210

'overwrite' flag in qgspostgresprovider createEmptyLayer ignored

2018-06-16 10:39 PM - Robert Collins

Status:	Open	
Priority:	Normal	
Assignee:		
Category:	Data Provider/PostGIS	
Affected QGIS version:	3.0.3	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 27039
Description		
When importing a layer that needed some schema tweaks (specifically to change the geom to a plain 'geometry' to avoid Polygon vs MultiPolygon errors... I wanted to turn off layer overwriting. The ImportIntoPostGIS processing tool passes the overwrite option to qgsvectorlayerexporter which passes it to QgsPostgresProvider::createEmptyLayer but as you can see here https://github.com/qgis/QGIS/blob/0a325f1eda4054418e8d31bfc1d33d87cbdc2c0f/src/providers/postgres/qgspostgresprovider.cpp#L878 and then https://github.com/qgis/QGIS/blob/0a325f1eda4054418e8d31bfc1d33d87cbdc2c0f/src/providers/postgres/qgspostgresprovider.cpp#L893 the PostGIS driver only uses the overwrite flag to skip dropping the existing table (good), but not to avoid creating a new table (bad) - and this naturally fails. This seems to be the case even very far back in history, so perhaps this should be considered a feature request rather than a bug?		